Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for producing calcium fluoride, said method comprising:

introducing a fluoride-containing effluent that has a pH 3 or higher together with an aqueous calcium chloride solution into a reaction system, the reaction system being maintained at pH 2 or lower ~~under an acidic condition~~ with hydrochloric acid ~~of pH 2 or lower~~ to deposit calcium fluoride particles;

~~of a comparatively large size with~~ wherein the calcium fluoride particles have a purity of 98% or higher, and wherein an average particle size of the calcium fluoride particles is between 5 to 300 μm;

then recovering said particles, and

wherein the step of introducing is performed at room temperature or at a temperature between 30 to 90 °C.

2. (canceled)

3. (original) The method according to claim 1, wherein the fluoride-containing effluent and/or the aqueous calcium chloride solution contain hydrochloric acid, or an aqueous hydrochloric acid solution is separately introduced continuously or intermittently into the reaction system.

4. (canceled)

5. (canceled)

6. (currently amended) A reuse method comprising reacting a part or all of hydrochloric acid, which is contained in an aqueous calcium chloride solution ~~the solution~~ after recovery of calcium fluoride formed by a reaction of a calcium salt ~~the reaction, with a calcium salt such as calcium hydroxide, calcium oxide and calcium carbonate~~ to form

calcium chloride, and using the formed aqueous calcium chloride solution as the aqueous calcium chloride solution in a method according to claim 1.

7. (currently amended) A method for producing calcium fluoride, said method comprising:

introducing [[a]] an at least 2.2% hydrofluoric acid-containing effluent together with an aqueous calcium chloride solution into a reaction system, the reaction system being maintained at pH 2 or lower ~~under an acidic condition~~ with hydrochloric acid, ~~of pH 2 or lower~~ to deposit calcium fluoride particles;

~~of a comparatively large size with~~ wherein the calcium fluoride particles have a purity of 98% or higher, and wherein an average particle size of the calcium fluoride particles is between 5 to 300 μm;

and then recovering said particles; and

wherein the step of introducing is performed at room temperature or at a temperature between 30 to 90 °C.

8. (cancelled)

9. (currently amended) The method according to claim 7 [[6]], wherein the hydrofluoric acid-containing effluent and/or the aqueous calcium chloride solution contain hydrochloric acid, or an aqueous hydrochloric acid solution is separately introduced continuously or intermittently into the reaction system.

10. (canceled)

11. (canceled)

12. (currently amended) A reuse method comprising reacting a part or all of hydrochloric acid, which is contained in an aqueous calcium chloride solution ~~the solution~~ after recovery of calcium fluoride formed by a reaction of a calcium salt ~~the reaction, with a calcium salt such as calcium hydroxide, calcium oxide and calcium carbonate~~ to form

calcium chloride, and using the formed aqueous calcium chloride solution as the aqueous calcium chloride solution in a method according to claim 7 [[6]].

13. (currently amended) A method for recycling calcium fluoride, characterized in that the calcium fluoride recovered by the method according to claim 1 or 7 [[6]] is supplied as a raw material for producing hydrogen fluoride.